

Multiplication

Progression Points

2.25 Use of an array to model and answer facts to the 2, 5 and 10 times tables.

2.5 Automatic recall of 2, 5 and 10 times tables.

2.75 Representation of multiplication facts as a rectangular array and as the area of a rectangle.

3.0 Multiplication by single digits using recall of multiplication tables and multiples and powers of 10.



3.0+ Solve multiplication problems involving multiplication of 2-digit numbers by single digits.

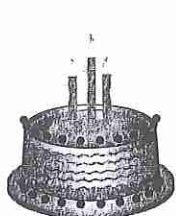
Name Rebecca

Class 3A Date 10/8/10

2.75

4 Draw an array to model then answer the multiplications.

<p>a $5 \times 3 = 15$</p> 	<p>b $4 \times 6 = 24$</p> 
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\$6



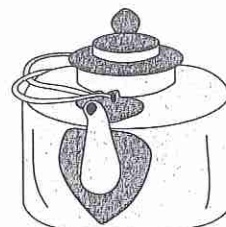
\$4



\$8



\$76



\$37

3.0

5 Find the cost of these items.

a 5 pens = \$ 20

b 6 cakes = \$ 30

c 7 books = \$ 50

d 7 pens = \$ 28

e 6 books = \$ 48

f 9 cakes = \$ 54

g 10 cakes = \$ 60

h 100 books = \$ 3

i 30 cakes = \$ 110

3.0+

6 Solve the problems.

a How much would 8 kettles cost?

333

b What would be the cost of 7 guitars?

c What would be the cost of 4 guitars and 6 kettles?

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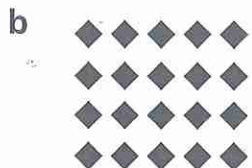
3.0 Multiplication by single digits using recall of multiplication tables and multiples and powers of 10.

3.0+ Solve multiplication problems involving multiplication of 2-digit numbers by single digits.

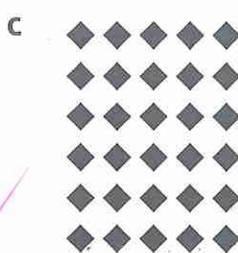
2.25 1 Use the arrays to answer the multiplication questions.



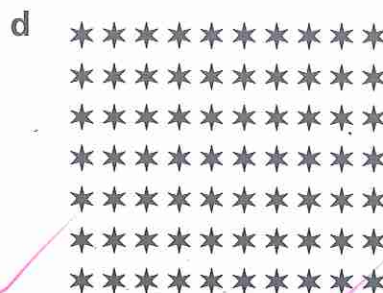
$7 \times 2 = 14$



$4 \times 5 = 20$



$6 \times 5 = 30$



$7 \times 10 = 70$

2.5 2 Answer the facts.

a $5 \times 2 = 10$ ✓

b $8 \times 2 = 16$ ✓

c $6 \times 2 = 12$ ✓

d $3 \times 5 = 15$ ✓

e $7 \times 5 = 35$ ✓

f $8 \times 5 = 40$ ✓

g $4 \times 10 = 40$ ✓

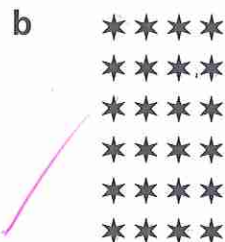
h $6 \times 10 = 60$ ✓

i $9 \times 10 = 90$ ✓

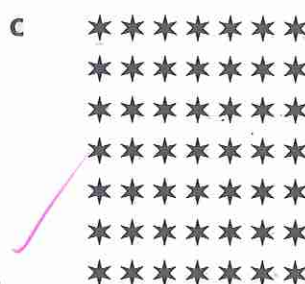
2.75 3 Use the arrays to answer the multiplications.



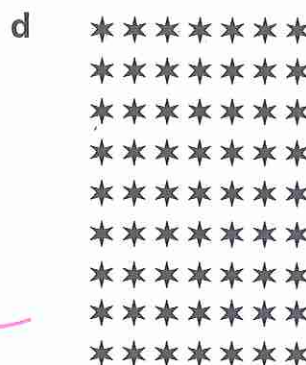
$5 \times 6 = 30$



$6 \times 4 = 24$



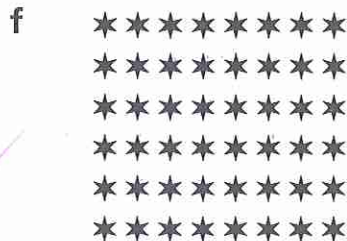
$7 \times 7 = 49$



$9 \times 7 = 63$ ✓



$4 \times 7 = 28$



$6 \times 8 = 48$

Multiplication Pre Assessment

Rebecca 12/7/10



$$1. 3 \times 3 = 9 \checkmark$$

$$2. 6 \times 4 = 24 \checkmark$$

$$3. 5 \times 6 = 30 \checkmark$$

$$4. \begin{array}{r} 9 \\ \times 2 \\ \hline 18 \end{array}$$

$$5. \begin{array}{r} 13 \\ \times 2 \\ \hline 26 \end{array}$$

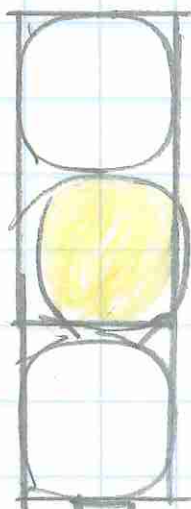


$$6. \begin{array}{r} 28 \\ \times 6 \\ \hline 168 \end{array}$$

$$\begin{array}{r} 2136 \\ \times 4 \\ \hline \end{array}$$



$$\begin{array}{r} 128 \\ - 169 \\ \hline \end{array}$$



I feel good
because I got 2 for
this is my numeracy
goal.

Rebecca Multiplication With trading Post Assessment

$$\begin{array}{r} 2,459 \\ \times 34 \\ \hline \end{array}$$

$$\begin{array}{r} 8536 \\ \hline \end{array}$$

$$\begin{array}{r} 1,257 \\ \times 3 \\ \hline \end{array}$$

$$\begin{array}{r} 3771 \\ \hline \end{array}$$

$$\begin{array}{r} 1,46 \\ \times 2 \\ \hline \end{array}$$

$$\begin{array}{r} 292 \\ \hline \end{array}$$

$$\begin{array}{r} 274 \\ \times 3 \\ \hline \end{array}$$

$$\begin{array}{r} 822 \\ \hline \end{array}$$

$$\begin{array}{r} 108 \\ \times 4 \\ \hline \end{array}$$

$$\begin{array}{r} 432 \\ \hline \end{array}$$

$$\begin{array}{r} 1,204 \\ \times 5 \\ \hline \end{array}$$

$$\begin{array}{r} 6020 \\ \hline \end{array}$$

$$\begin{array}{r} 56 \\ \times 42 \\ \hline \end{array}$$

$$\begin{array}{r} 112 \\ \hline \end{array}$$

$$\begin{array}{r} 27 \\ \times 53 \\ \hline \end{array}$$

$$\begin{array}{r} 81 \\ \hline \end{array}$$

$$\begin{array}{r} 31489 \\ \times 2 \\ \hline \end{array}$$

$$\begin{array}{r} 6298 \\ \hline \end{array}$$

$$\begin{array}{r} 2,240 \\ \times 3 \\ \hline \end{array}$$

$$\begin{array}{r} 6720 \\ \hline \end{array}$$

$$\begin{array}{r} 1,350 \\ \times 1 \\ \hline \end{array}$$

$$\begin{array}{r} 1350 \\ \hline \end{array}$$

$$\begin{array}{r} 5470 \\ \times 6 \\ \hline \end{array}$$

$$\begin{array}{r} 32820 \\ \hline \end{array}$$